NITFS
Compliance Registration

Product: ERDAS IMAGINE Version 8.5, NITF Import/Export Module 01.08

Date: 20 August 2004
Expiration: 14 January 2006

Sponsor: ERDAS Inc. and Technology Services Corporation (TSC)

Registration #: 2023

Developer: ERDAS Inc. and Technology Services Corporation (TSC)

☐ Initial Registration
☑ Supplemental/Update #: _____
☐ Derived from Reg. # _____

☐ **System** N-0105/98, §4.1.1

☑ **Product** N-0105/98, §4.1.2

☐ **Component** N-0105/98, §4.1.3

Complexity Level

NITF 2.1 CLEVEL	3	5	6	7
Interpret				
Generate				

NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate							

** NITF 2.0 feature
* NITF 2.1 feature

Configurations Tested:
-INTELDX 75 Mhz (MS Windows 95B)
-Intel Pentium (MS Windows 98)
-Intel Pentium (MS Windows NT 4.0 Sp5)
-Intel Pentium (MS Windows 2000 Professional)
-IBM RS/6000 Workstation (AIX 4.3.2 or 4.3.3 w/Windows
-Silicon Graphics R4400-R1000 (IRIX ver6.5)
-Sun Ultra (Sun Solaris 2.6, 2.7, and 2.8)

NITFS Features Implemented:

Format
NITF
● ● v2.1
● ● v2.0
● ○ v1.1
NSIF
● ● v1.0

Pixel Value Types
● ● Boolean
● ● Integer
● ● Signed Integer *
● ● IEEE Real *
○ ○ IEEE Complex *

Annotation Segment Types
● ○ Bit Mapped **
● ● CGM, 2301
● ● CGM, 2301A
● ○ Labels **

Text Segments
● ● STA
● ● UT1
○ ○ U8S
○ ○ MTF

Image Segment Types
● ● MONO
● ● RGB
● ● RGB/LUT
● ● YCbCr
● ● MULTI
○ ○ NODISPLY
○ ○ POLAR

Image Compression
● ● Not Compressed
● ● JPEG Lossy, 8-bit
● ● JPEG Lossy, 12-bit
● ○ JPEG Downsample
○ ○ JPEG Lossless
○ ○ JPEG 2000
● ● Bi-Level
● ○ Vector Quantization
● ● Multispectral JPEG, Individual Band

Data Extension Segments
● ○ TRE_OVERFLOW
● ○ STREAMING_FILE_HEADER

Tagged Record Extensions
● ○ IOMAPA
● ○ RPFHDR
   RPFIMG

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.